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Assyrian antiquities, British Museum; Colonel W. A. Churchman, ministry of munitions explosives department; Dr. J. Court, known by his researches on diseases of miners; Mr. F. C. Danson, chairman of the Liverpool School of Tropical Medicine; Mr. D. E. Hutchins, for his services to forestry; Mr. James Kemnal, for public services in connection with the manufacture of munitions; Mr. F. S. Lister, research bacteriologist, South African Institute for Medical Research; Mr. H. J. Mackinder, M.P., and Dr. F. G. Ogilvie, director of the Science Museum, South Kensington. Professor S. J. Chapman, joint permanent secretary, Board of Trade, and Sir Richard Glazebrook, have been promoted from C.B. to K.C.B. Dr. G. R. Parkin has been promoted to the rank of K.C.M.G., and Mr. H. N. Thompson, chief conservator of forests, Nigeria, has received the honor of C.M.G.

PROFESSOR BANTI, of Florence, Dr. Van Ermengem, of Ghent, and Dr. Pawinski, of Warsaw, have been elected correspondents of the Paris Academy of Medicine.

OFFICERS of the American Philosophical Society for 1902 have been elected as follows: *President*, William B. Scott; *Vice-presidents*, George Ellery Hale, Arthur A. Noyes, Hampton L. Carson; *Secretaries*, I. Minis Hays, Arthur W. Goodspeed, Harry F. Keller, John A. Miller; *Curators*, William P. Wilson, Leslie W. Miller, Henry H. Donaldson; *Treasurer*, Henry La Barre Jayne.

OFFICERS of the Brooklyn Entomological Society for the year 1920 have been elected as follows:

President: W. T. Davis.

Vice-president: J. R. de la Torre-Bueno.

Treasurer: Rowland F. McElvare.

Recording and Corresponding Secretary: Dr. J. Bequaert.

Librarian: A. C. Weeks.

Curator: Geo. Franck.

Publication Committee: J. R. de la Torre-Bueno, editor, Geo. P. Engelhardt, Dr. J. Bequaert.

Delegate to Council of New York Academy of Sciences: Howard Notman.

DR. LOUIS A. BAUER gave an illustrated lec-

ture on "The solar eclipse of May 29, 1919, and the Einstein effect," at Brown University, under the auspices of the Sigma Xi, on January 15. He repeated the lecture at Columbia University, Friday afternoon, January 16. On Friday evening, February 6, he has been invited to address the American Philosophical Society in Philadelphia at the stated meeting, on "Observations in Liberia and elsewhere of the total solar eclipse of May 29, 1919, and their bearing on the Einstein theory." The address will be illustrated by lantern slides of all expeditions showing the fully developed solar corona and remarkable prominences, as well as the deflected star images.

At a meeting of the Society of Medical History of Chicago on January 17, addresses were made by Colonel Casey A. Wood, on "Walter Bailey, the first writer of an Ophthalmic Treatise in English," and by Lieutenant-Colonel Fielding H. Garrison, on "Medical Men and Music," and "Remarks on the Medical History of the War."

PROFESSOR GEORGE M. STRATTON, of the University of California, is giving a series of lectures in San Francisco, during January and February on psychology and health.

UNIVERSITY AND EDUCATIONAL NEWS

THE Massachusetts Institute of Technology will be administered by a special committee composed of three members of the faculty, the corporation having decided that it is not advisable to name an acting president in succession to the late Dr. Richard C. Maclaurin. This administrative committee will be composed of Dr. Henry P. Talbot, chairman of the faculty and head of the department of chemistry; Professor Edward P. Miller, head of the department of mechanical engineering, and Dr. William H. Walker, director of the newly instituted division of industrial cooperation and research. Frederick P. Fish, senior member, has been elected chairman of the executive committee of the corporation and a sub-committee, consisting of Everett Morse, Francis R. Hart and Edwin S. Webster, has

been chosen to keep in touch with the affairs of the institute and to cooperate with the faculties and officers of administration.

At the University of California Dr. John C. Merriam, professor of paleontology and historical geology, has been appointed dean of the faculties, and Dr. A. C. Leuschner, professor of astronomy and director of the Students' Observatory, dean of the Graduate Division.

DR. JOHN M. T. FINNEY, associate professor of surgery in the Johns Hopkins Medical School, has been invited to accept the chair of surgery at Harvard University, his alma mater.

DR. HOMER L. DODGE, formerly assistant professor of physics at the State University of Iowa, is now professor and head of the department of physics at the University of Oklahoma, Norman, Okla. He has also been appointed director of the State Bureau of Standards.

MISS CATHERINE BEEKLEY has been appointed as instructor of zoology at the University of Oregon to temporarily fill the place left by Dr. C. H. Edmondson, who has resigned to take up work in the University of Hawaii.

DR. ROGER C. SMITH, of the United States Bureau of Entomology, has resigned to accept the position of assistant professor of entomology in the Kansas State Agricultural College.

DR. W. H. BROWN, formerly associate professor of botany in the University of the Philippines, has been promoted to the full professorship and chief of the department, Mr. Elmer D. Merrill having resigned to utilize his whole time in the interests of the Bureau of Science.

MR. HAROLD BOYD SIFTON, of the Seed Laboratory of the Department of Agriculture, Ottawa, has resigned to accept a position in the botanical laboratories of the University of Toronto.

DISCUSSION AND CORRESPONDENCE

OFFICIAL FIELD CROP INSPECTION

IN a recent number of *SCIENCE* Professor H. L. Bolley, in an article on this subject, has

pointed out that until we have control of seed grain production we will continue to have mixed varieties and the best ones will continue to be lost through carelessness. Bad weeds and diseases will be spread with the seeds.

He states that "the work of each cereal crop improver and public educator on breeding dies with him," and mentions Wellman, Haynes and Saunders as examples. "Seed improvement must last through the life of many men and for this there must be plans based on established law."

I am glad to state that crop improvement associations are springing up in many states. Michigan and Wisconsin have each had an association for about ten years. During the summer (1919) there was a meeting of crop improvement association men at St. Paul, Minn. The states of Michigan, Wisconsin, Minnesota, North Dakota, South Dakota and Kansas had representatives at the meeting, showing that those states were active. Besides this we know that Ohio, Indiana, Illinois, Iowa, Nebraska and Colorado are thinking strongly of organizing crop improvement associations.

Professor Bolley, it seems, does not believe in "cooperative breeders associations." A state-controlled seed inspection under the direction of the agricultural college such as Professor Bolley advocates, will in most cases be preceded by a cooperative seed growers association. It is possible that the North Dakota work is not done by an association, as the North Dakota representatives at the St. Paul meeting were interested in alfalfa seed only, and the pedigreed seed was all sent to Fargo for recleaning. This can't be done when a state is to be supplied with pedigreed seed.

Wisconsin was the first to organize one of these associations, and now they have state aid. Most of us have not reached the stage where the lawmakers have recognized the value of a supply of pure seed, representing the highest yielding pedigreed varieties. Each of the crop improvement associations is fostered by the agricultural college of its state but can not be